

# Utah Monthly Communicable Disease Report

## March 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

**Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.**

**Current counts of selected reportable diseases,\* compared to an historical 5-year average, March 2017**

Disease/Condition	Mar 2017	5-yr Mar avg+	2017 YTD**	5-yr YTD avg+,**
Acinetobacter species resistant to carbapenems	4	U	15	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	0	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.8	1	1.2
foodborne	0	0.0	0	0.0
infant	0	0.8	1	1.2
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	0	0.2
Campylobacteriosis	21	30.6	84	82.4
Chickenpox	12	28.6	44	86.0
Chlamydia	951	703.0	2615	2101.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	3	4.8	8	12.4
Colorado tick fever	0	0.0	0	0.0
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.4	1	1.2
Cryptosporidiosis	1	7.8	17	24.0
Cyclosporiasis	0	0.2	0	0.2
Dengue	0	0.2	0	0.4
Ehrlichiosis/Anaplasmosis	0	0.0	0	0.0
Encephalitis	0	0.0	0	0.2
Enterobacter species resistant to carbapenems	6	U	16	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	1	U	4	U
Giardiasis	10	14.0	26	40.2
Gonorrhea	188	92.2	556	285.8
HIV infection	0	0.0	0	0.0
Haemophilus influenzae, all ages, invasive disease	6	2.4	17	9.4
nonserotype B, age < 5 years	1	0.2	2	0.4
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	2	0.2	4	0.8
Hansen's disease (Leprosy)	0	0.2	0	0.2
Hantavirus pulmonary syndrome	0	0.4	0	0.4
Hemolytic uremic syndrome, post-diarrheal	0	0.6	0	0.8
Hepatitis A	1	1.2	2	1.6
Hepatitis B, acute	0	0.0	2	2.0
Hepatitis B, chronic	26	24.8	79	74.4
Hepatitis C, acute	4	2.6	14	6.8
Hepatitis C, chronic	189	137.8	601	398.8
Hepatitis, other viral	0	0.2	0	0.2
Influenza-associated hospitalization§	109	157.4	827	543.8
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	1	U	4	U
Legionellosis	1	1.2	3	6.0
Leptospirosis	0	0.2	0	0.4
Listeriosis	0	0.4	0	0.8

\*Anthrax, Chancroid, Diptheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

\*\*YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	0	0.6	0	1.6
Malaria	1	0.4	2	1.0
Measles	0	0.0	3	0.6
Meningitis, aseptic	0	2.4	0	9.8
Meningitis, bacterial, other	0	0.6	0	2.4
Meningitis, viral	0	1.4	0	4.0
Meningococcal disease (Neisseria meningitidis)	1	0.2	1	0.6
Mumps	11	0.0	24	0.6
Pertussis	13	72.6	41	210.0
Plague	0	0.0	0	0.0
Q fever	0	0.8	0	1.8
Rabies, animal	0	0.2	0	0.2
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.0
Rubella	0	0.2	0	0.2
Salmonellosis	29	31.0	72	68.2
Shiga toxin-producing Escherichia coli (STEC) infection	3	4.2	5	8.4
Shigellosis	5	3.2	10	9.6
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	0	0.8
Streptococcal disease, invasive, group A	3	11.2	5	37.0
Streptococcal disease, invasive, group B	5	8.2	13	24.6
Streptococcal disease, invasive, other	30	27.6	99	82.0
Streptococcus pneumoniae, invasive disease	10	22.4	45	70.8
age < 5 years	3	3.4	6	7.2
Syphilis, early (infection < 12 months)	1	7.2	25	24.8
primary & secondary	1	5.6	12	15.4
early latent	0	1.6	13	9.4
Syphilis, latent (infection > 12 months)	0	4.2	8	12.8
Toxic shock syndrome (staphylococcal or streptococcal)	0	0.6	0	6.4
Trichinellosis	0	0.0	0	0.0
Tuberculosis, active	0	2.4	0	6.0
Tularemia	0	0.0	0	0.2
Typhoid fever	0	0.0	0	0.2
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	0	0.0	0	0.2
West Nile virus, total	0	0.0	0	0.0
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.0	0	0.0
Zika Virus Disease	0	U	2	U

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